



4/29/04

Attorney Docket No.: 218728-000211

EFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Moussa ABDI et al. )  
Serial No.: 10/766,968 )  
Filed: January 28, 2004 )  
Title: Method and Device for Receiving )  
a Radio Signal )  
Group Art Unit: TBA )  
Examiner: TBA )  
Customer No.: 28465 )

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Date of Deposit

4-28-04

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

LaTonya Bryant-Taylor

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*LaTonya Bryant-Taylor*  
(Signature of person mailing paper or fee)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.97-1.98 the Applicants hereby submit:

(a) the attached list of prior art, which in the reasonable opinion of Applicants may be material to patentability of the claimed invention, within the meaning of 37 C.F.R. 1.56 and/or which has been cited in the Preliminary Search Report prepared by the French Patent Office in a counterpart foreign application;

(b) a copy of the Search Report, which is attached for the U.S. Examiner to know the first opinion of the French Examiner and the portions of the references found pertinent by the Examiner; and

(c) a copy of the references cited under (a).

Applicant(s): Moussa ABDI, et al.  
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With respect to the foreign patent reference which is not in the English language, it is submitted that:

- an English text abstract is provided on the title page and the document is identified in the enclosed search report. Further, the references correspond to U.S. 2003091100A1.

The Information Disclosure Statement is being filed before the mailing date of a first Office Action. Applicants believe no fee is due at this time.

If any fees are owed in connection with this communication, please charge Deposit Account No. 18-2284. (A duplicate copy of this communication is enclosed for that purpose.)

Consideration and citation of the references are respectfully solicited.

Respectfully submitted,

By: Michael L. Kenaga  
Michael L. Kenaga  
Reg. No. 34,639

Date April 28, 2004

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Form PTO- 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	Att. Docket Number :	Serial number :
	<b>218728-000211</b>	<b>Not yet known</b>
	Applicant : <b>ABDI et al.</b>	
	Filing date : <b>January 28, 2004</b>	Group :

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	PATENTEE/APPLICANT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>US 2003091100A1</b>	<b>15-05-2003</b>				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLIC. DATE	COUNTRY/AGENCY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	<b>B1</b>	<b>WO 01/99301</b>	<b>12/27/01</b>	<b>WIPO</b>				
	<b>B2</b>	<b>WO 01/45289</b>	<b>06/21/01</b>	<b>WIPO</b>				

## Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	<b>C1</b>	<b>ZHA W et al., "SOFT-DECISION SUCCESSIVE INTERFERENCE CANCELLATION CDMA RECEIVER WITH AMPLITUDE AVERAGING AND ROBUST TO TIMING ERRORS", GLOBECOM'01 2001 IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. SAN ANTONIO, TX, NOV. 25-29, 2001, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY, Vol. 2 of 6, Pages 743-747, November 25, 2001.</b>
	<b>C2</b>	<b>ABDI M et al., "SEMIDEFINITE POSITIVE RELAXATION OF THE MAXIMUM-LIKELIHOOD CRITERION APPLIED TO MULTIUSER DETECTION IN A CDMA CONTEXT", IEEE SIGNAL PROCESSING LETTERS, Vol. 9, No. 6, June 2002.</b>

Examiner	Date Considered
EXAMINER : Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	